

Fig. 2

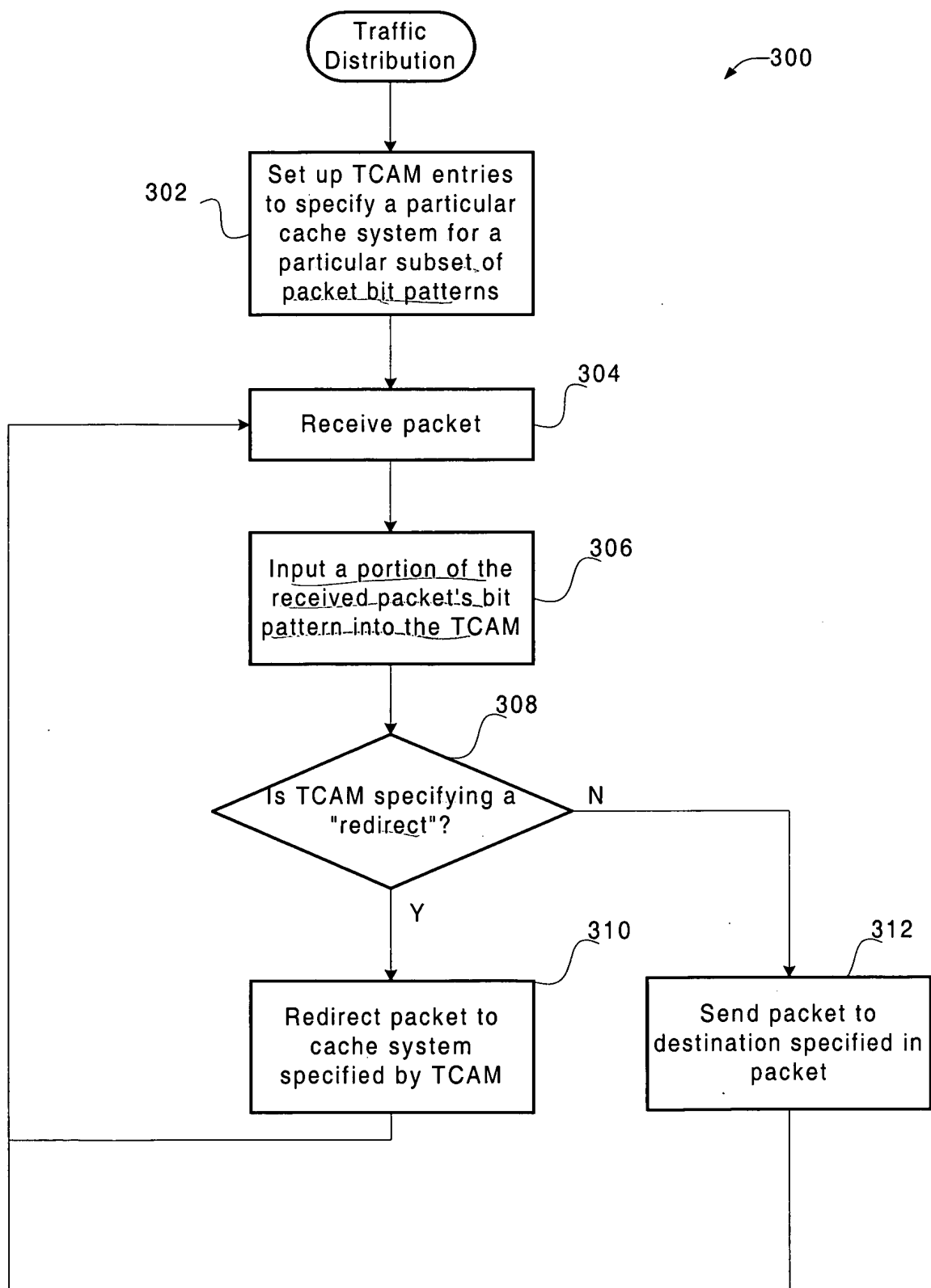


Fig. 3

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Bits-to-Match	Action	Redirection Destination
xx00 0000	Redirect	Cache0
xx00 0001	Redirect	Cache1
xx00 0010	Redirect	Cache2
xx00 0011	Redirect	Cache3
⋮	⋮	⋮
xx11 1100	Forward	-
xx11 1101	Redirect	Cache1
xx11 1110	Redirect	Cache2
xx11 1111	Redirect	Cache3

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Fig. 4

```
bucket 0: h=00000000000000000000000000000000
bucket 1: h=00000000000000000000000001000000000000
bucket 2: h=00000000000000000000000001000000000000
bucket 3: h=0000000000000000000000000101000000000000
bucket 4: h=0000000000000000000000000100000000000000
bucket 5: h=000000000000000000000000010010000000000000
bucket 6: h=000000000000000000000000001100000000000000
bucket 7: h=000000000000000000000000010110000000000000
bucket 8: h=000000000000000000000000001000000000000000
bucket 9: h=0000000000000000000000000100010000000000000
bucket 10: h=0000000000000000000000000010100000000000000
bucket 11: h=00000000000000000000000001010100000000000000
bucket 12: h=0000000000000000000000000011000000000000000
bucket 13: h=00000000000000000000000001001100000000000000
bucket 14: h=00000000000000000000000000111000000000000000
bucket 15: h=000000000000000000000000010111000000000000000
bucket 16: h=000000000000000000000000000000000000100000000
bucket 17: h=000000000000000000000000010000010000000000000
bucket 18: h=000000000000000000000000010001000000000000000
bucket 19: h=0000000000000000000000000101000100000000000000
bucket 20: h=000000000000000000000000010010000000000000000
bucket 21: h=0000000000000000000000000100100100000000000000
bucket 22: h=000000000000000000000000011001000000000000000
bucket 23: h=0000000000000000000000000101100100000000000000
bucket 24: h=0000000000000000000000000010100000000000000000
bucket 25: h=0000000000000000000000000100010100000000000000
bucket 26: h=000000000000000000000000010101000000000000000
bucket 27: h=0000000000000000000000000101010100000000000000
bucket 28: h=0000000000000000000000000110100000000000000000
bucket 29: h=0000000000000000000000000100110100000000000000
bucket 30: h=0000000000000000000000000111010000000000000000
bucket 31: h=0000000000000000000000000101110100000000000000
bucket 32: h=0000000000000000000000000000000000000000000000001
bucket 33: h=0000000000000000000000000100000000000000000000001
bucket 34: h=0000000000000000000000000100000000000000000000001
bucket 35: h=0000000000000000000000000101000000000000000000001
bucket 36: h=0000000000000000000000000100000000000000000000001
bucket 37: h=0000000000000000000000000100100000000000000000001
bucket 38: h=0000000000000000000000000110000000000000000000001
bucket 39: h=0000000000000000000000000101100000000000000000001
bucket 40: h=0000000000000000000000000100000000000000000000001
bucket 41: h=0000000000000000000000000100010000000000000000001
bucket 42: h=0000000000000000000000000101000000000000000000001
bucket 43: h=0000000000000000000000000101010000000000000000001
bucket 44: h=0000000000000000000000000110000000000000000000001
```

Fig. 5A

[illegible]

Fig. 6B

